

Form 1449 (Modified 5-16-1995)

Information Disclosure Statement By Applicant

(Use Several Sheets if Necessary)



Atty Docket No.: IMM1P007A  
 Applicant: Louis B. Rosenberg et al.  
 Filing Date: June 5, 1995

Serial No.: 08/461,170  
 Group: Unknown

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	4,787,051	11/22/88	Olson	364	518	05/16/86
JB	B	5,095,303	03/10/92	Clark et al.	340	710	03/27/90
JB	C	5,132,672	07/21/92	Clark	340	710	07/13/90
JB	D	4,945,305	07/31/90	Blood	324	207.17	04/11/89
JB	E	4,849,692	07/18/89	Blood	324	208	10/09/86
JB	F	5,402,582	04/04/95	Raab	38	503	02/23/93
JB	G	5,204,824	04/20/93	Fujimaki	364	474.03	08/23/90
JB	H	5,230,623	07/27/93	Guthrie et al.	483	72	12/10/91
JB	I	5,148,377	09/15/92	McDonald	364	560	06/12/89
JB	J	2,906,179	09/29/59	Bower	90	13.5	01/28/57
JB	K	3,531,868	10/06/70	Stevenson	33	174	04/18/68

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
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**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
JB	R	Kenneth Meyer et al., "Survey of Position Trackers," The Massachusetts Institute of Technology Spring 1992, Vol. 1, No. 2, pp. 173-200.
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Examiner: Initial **PRIMARY EXAMINED**. Draw line through citation if not in conformance and not considered. Include **GROUP 200** of this form with next communication to applicant.

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#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	3,890,958	06/24/75	Fister et al.	128	2S	04/08/74
JB	B	3,944,798	03/16/76	Eaton	31	56	04/18/74
JB	C	4,571,834	02/25/86	Fraser et al.	38	1PT	05/16/85
JB	D	4,638,798	01/27/87	Shelden et al.	128	303B	09/10/80
JB	E	4,653,011	03/24/87	Iwano	364	513	03/27/85
JB	F	4,670,851	06/02/87	Murakami et al.	364	518	10/22/84
JB	G	4,676,002	06/30/87	Slocum	33	1MP	12/20/85
JB	H	4,679,331	07/14/87	Koontz	33	551	08/26/85
JB	I	4,703,443	10/27/87	Moriyasu	364	559	02/07/85
JB	J	4,750,487	06/14/88	Zanetti	128	303B	11/24/86
JB	K	4,769,763	09/06/88	Trieb et al.	364	559	06/16/86

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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Examiner <b>JEFFERY BRIER</b> <b>PRIMARY EXAMINER</b>		Date Considered <b>12-8-95</b>	

Examiner: Initial citation CONSIDERED. Draw line through citation if not in conformance and not considered. Include GROUP 200 of this form with next communication to applicant.

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		Filing Date: June 5, 1995	Group: Unknown

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	4,791,934	12/20/88	Brunnett	128	653	08/07/86
JB	B	4,819,195	04/04/89	Bell et al.	364	571.05	01/20/87
JB	C	4,888,877	12/26/89	Enderle et al.	38	539	05/09/88
JB	D	4,891,889	01/09/90	Tomelleri	38	503	05/02/88
JB	E	4,942,545	07/17/90	Sapia	364	571.01	06/06/88
JB	F	4,945,501	07/31/90	Bell et al.	364	571.05	04/12/89
JB	G	4,962,591	10/16/90	Zeller et al.	33	502	09/27/89
JB	H	4,982,504	01/08/91	Söderberg et al.	33	502	02/17/89
JB	I	5,040,306	08/20/91	McMurtry et al.	38	556	10/16/89
JB	J	5,050,608	09/24/91	Watanabe et al.	128	653R	09/04/90
JB	K	5,088,046	02/11/92	McMurtry	364	474.03	07/28/89

**Foreign Patent or Published Foreign Patent Application**

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**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
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Examiner	JEFFERY BRIER PRIMARY EXAMINER GROUP 2600	Date Considered 12-8-95

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<b>Form 1449 (Modified)</b>			
<b>Information Disclosure Statement By Applicant</b>		Atty Docket No. IMM1P007A	Serial No.: 08/461,170
(Use Several Sheets if Necessary)		Applicant: Louis B. Rosenberg et al.	Filing Date: June 5, 1995
		Group: Unknown	

<b>U.S. Patent Documents</b>							
Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
JB	A	5,088,055	02/11/92	Oyama	364	560	02/22/90
JB	B	5,131,844	07/21/92	Marinaccio et al.	433	72	04/08/91
JB	C	5,187,874	02/23/93	Takahashi et al.	33	502	02/08/91
JB	D	5,189,806	03/02/93	McMurtry et al.	33	503	08/17/92
JB	E	5,251,127	10/05/93	Raab	364	413.13	07/31/90
JB	F	5,251,156	10/05/93	Heier et al.	364	559	07/11/91
JB	G	5,259,120	11/09/93	Chapman et al.	33	502	07/20/92
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<b>Foreign Patent or Published Foreign Patent Application</b>							
Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation
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Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication					
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Examiner	JEFFERY BRIER	Date Considered 12-8-95					

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Form 1449 (Modified)		Atty Docket No.: IMM1P007A	Serial No.: 08/461,170
OCT 11 1995 (Use Several Sheets if Necessary)		Applicant: Louis B. Rosenberg et al.	Group: Unknown
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U.S. Patent Documents

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	A						
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Foreign Patent or Published Foreign Patent Application

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							Yes
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	P						

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
<i>AB</i>	R	Smith, Geoffrey, "Call It Palpable Progress," <u>Business Week</u> , October 9, 1995, p. 93, 96.
<i>JB</i>	S	Rosenberg, Louis B., <u>Perceptual Design of A Virtual Rigid Surface Contact</u> , Center for Design Research, Stanford University, Armstrong Laboratory, AL/CF-TR-1995-0029, April 1993.
	T	
Examiner	JEFFERY BRIER	Date Considered

PRIMARY EXAMINER

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